



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- County Road 25A (SR571 to Meijers)		<b>PROJECT I.D.:</b> 04-6200-01		<b>PROJECT YEARS:</b> 2018-2020	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service to retire notes issued originally for \$550,000 for costs of construction of County Road 25A.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 105,700	<b>2019 COSTS:</b> \$ 104,625	<b>2020 COSTS:</b> \$ 87,125	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Capital Improvement Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Donn Davis Way (City Share)		<b>PROJECT I.D.:</b> 05-6200-01		<b>PROJECT YEARS:</b> 2018-2021	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service on bonds issued on 5-1-2004 to finance the city share of the Donn Davis Way Project.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 68,083	<b>2019 COSTS:</b> \$ 71,008	<b>2020 COSTS:</b> \$ 68,725	<b>2021 COSTS:</b> \$ 71,250	<b>2022 COSTS:</b> \$ 68,550	
<b>FUNDING SOURCE:</b> Special Assessment Debt Fund (2018-2024)					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Capital Facilities Bonds- 2001		<b>PROJECT I.D.:</b> 03-6200-02		<b>PROJECT YEARS:</b> 2018-2019	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt retirement of bonds issued in 2001 in the amount of \$2,325,000 to retire outstanding notes issued to finance the Police facility, storm sewer improvements, street reconstruction, and purchase a new fire truck.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 109,600	<b>2019 COSTS:</b> \$ 104,800	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Capital Improvement Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Kinna Drive Construction		<b>PROJECT I.D.:</b> 08-6200-01		<b>PROJECT YEARS:</b> 2018	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service to retire notes issued originally for \$1,100,000 for costs of construction of Kinna Dr.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 45,900	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Capital Improvement Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Aerial Ladder Truck		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2020
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt Service related to purchase of new aerial ladder truck. Debt will be kept in short-term notes to take advantage of historically low interest rates and to preserve the City's ability to pay down additional principal annually as funding permits.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 87,400	<b>2019 COSTS:</b> \$ 86,563	<b>2020 COSTS:</b> \$ 82,000	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>
<b>FUNDING SOURCE:</b> Capital Improvement Fund				

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt-Fire Station Expansion		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2020
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt Service related to expansion of the West-Side Fire Station to accommodate the larger aerial ladder truck and to include living quarters for the EMS employees scheduled to work 12-hour shifts. Assumes \$1.5 million to be borrowed in short term notes averaging 2.5%-3% over the life of the notes.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 259,600	<b>2019 COSTS:</b> \$ 257,125	<b>2020 COSTS:</b> \$ 246,000	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>
<b>FUNDING SOURCE:</b> Capital Improvement Fund				



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt-South Third Street Reconstruction		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2019	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt Service related to reconstruction of South Third Street. Assumes project will remain in notes at an average interest rate of 2%-3%.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 107,000	<b>2019 COSTS:</b> \$ 104,000	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Capital Improvement Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt – Abbott Park Way Construction		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt Service related to construction of Abbott Park Way. Assumes project will remain in short-term notes for ten years at an average interest rate of 2.5%-3%.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 56,925	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Capital Improvement Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt – Downtown Utility/Streetscape Project		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to construction of the Downtown Utility/Streetscape Improvements. The City issued \$900,000 in bank issued notes for this project and received a \$1,400,000 zero percent (0%) interest loan from OPWC. Debt service is allocated to the CIP, Water, and Sewer Funds in accordance with the respective percentage of the Streetscape, Water, and Utility improvements. Debt service listed below is attributable to the CIP Fund alone. Water and Sewer Fund debt service will be scheduled in those sections.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 146,000	<b>2019 COSTS:</b> \$ 183,500	<b>2020 COSTS:</b> \$ 48,300	<b>2021 COSTS:</b> \$ 48,300	<b>2022 COSTS:</b> \$ 48,300	
<b>FUNDING SOURCE:</b> Capital Improvement Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Automatic Meter Read		<b>PROJECT I.D.:</b> 09-5270-D02		<b>PROJECT YEARS:</b> 2018	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to purchasing and installing an automatic metering infrastructure (AMI).					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 524,959	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Electric Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Generator Debt		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to purchase of the NAWA power generator. This cost is passed through to NAWA.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 112,000	<b>2019 COSTS:</b> \$ 110,000	<b>2020 COSTS:</b> \$ 108,000	<b>2021 COSTS:</b> \$ 106,000	<b>2022 COSTS:</b> \$ 104,000	
<b>FUNDING SOURCE:</b> Electric Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Substation #1/#1A/#2		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt Service related to upgrades and improvements to substation #1. Assumes bonds to be issued for \$5,000,000 for 20 years at 5.0% interest.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 400,000		<b>2019 COSTS:</b> \$ 416,250		<b>2020 COSTS:</b> \$ 407,500	
				<b>2021 COSTS:</b> \$ 398,750	
				<b>2022 COSTS:</b> \$ 390,000	
<b>FUNDING SOURCE:</b> Electric Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Automatic Meter Read		<b>PROJECT I.D.:</b> 09-5300-D02		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Debt service related to purchasing and installing an automatic metering infrastructure (AMI). Assumes bonds to be issued for \$1,500,000 for 20 years at 4.00%. The Water Fund portion is \$425,000. Also includes debt service on a \$600,000, 0% interest loan from OPWC.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 55,714		<b>2019 COSTS:</b> \$ 54,847		<b>2020 COSTS:</b> \$ 54,414	
				<b>2021 COSTS:</b> \$ 54,559	
				<b>2022 COSTS:</b> \$ 54,017	
<b>FUNDING SOURCE:</b> Water Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- New Tower to Replace Bowman Ave. Tank		<b>PROJECT I.D.:</b> 10-5300-D01		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to construction of a new one million gallon tower to replace the Bowman Ave. tank. Assumes bonds to be issued for \$1,440,000 for 20 years at an average interest rate of 4.00%. Also includes debt service on a \$425,000, 0% interest loan from OPWC.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 110,850	<b>2019 COSTS:</b> \$ 108,050	<b>2020 COSTS:</b> \$ 106,650	<b>2021 COSTS:</b> \$ 108,750	<b>2022 COSTS:</b> \$ 107,000	
<b>FUNDING SOURCE:</b> Water Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Harmony Dr. Water Tower Painting/Bowman Ave Tank Removal		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to rehabilitation and painting of the Harmony Drive Water Tower (\$550,000). Assumes bonds to be issued for \$550,000 for 20 years at an average 4.00% interest.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 56,400	<b>2019 COSTS:</b> \$ 54,400	<b>2020 COSTS:</b> \$ 53,400	<b>2021 COSTS:</b> \$ 53,000	<b>2022 COSTS:</b> \$ 51,750	
<b>FUNDING SOURCE:</b> Water Fund					





## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Tower #4		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service on a \$2,400,000, 0% interest loan from OPWC for the construction of Tower #4 by the Service Center on Park Ave.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b>	<b>2019 COSTS:</b> \$ 120,000	<b>2020 COSTS:</b> \$ 120,000	<b>2021 COSTS:</b> \$ 120,000	<b>2022 COSTS:</b> \$ 120,000	
<b>FUNDING SOURCE:</b> Water Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Downtown Utilities Replacement		<b>PROJECT I.D.:</b> 10-5300-D03		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the Water Fund sale of notes in the amount of \$132,444 for 10 years at 1.5% to replace water lines in downtown area. Also includes debt service related to OPWC Loan in the amount of \$1,400,000 for 20 years at 0% interest. Water Fund portion of the OPWC Loan is \$228,914.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 63,900	<b>2019 COSTS:</b> \$ 62,900	<b>2020 COSTS:</b> \$ 11,900	<b>2021 COSTS:</b> \$ 11,900	<b>2022 COSTS:</b> \$ 11,900	
<b>FUNDING SOURCE:</b> Water Fund					



### CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Judith, Michael, Earl Water line Rep.		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the sale of bonds in the amount of \$550,000 for 10 years at an average interest rate of 4.0% for the replacement of water lines in the Roselyn subdivision.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 42,000	<b>2019 COSTS:</b> \$ 40,600	<b>2020 COSTS:</b> \$ 39,900	<b>2021 COSTS:</b> \$ 40,250	<b>2022 COSTS:</b> \$ 39,375	
<b>FUNDING SOURCE:</b> Water Fund					

### CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- West Walnut Street Water Line Rep.		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the sale of bonds in the amount of \$290,000 for 10 years at an average interest rate of 4.0% for the replacement of water lines on West Walnut Street.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 33,060	<b>2019 COSTS:</b> \$ 31,900	<b>2020 COSTS:</b> \$ 31,320	<b>2021 COSTS:</b> \$ 31,175	<b>2022 COSTS:</b> \$ 30,450	
<b>FUNDING SOURCE:</b> Water Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt-Main Street Lift Station		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt to be issued to pay the cost of expansion/renovation of the Main Street Lift Station along with a new 30" gravity sewer line to an EQ Basin which will be constructed by TCA. Assumes project is funded over 20 years at an average interest rate of 4%.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 75,850	<b>2019 COSTS:</b> \$ 73,550	<b>2020 COSTS:</b> \$ 72,400	<b>2021 COSTS:</b> \$ 74,688	<b>2022 COSTS:</b> \$ 73,250	
<b>FUNDING SOURCE:</b> Sewer Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt-State Sewer Loan		<b>PROJECT I.D.:</b> 14-5320-D01		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  The Loan to build the Northeast Sewer Project was refinanced in 2014 for \$395,000. Repayment schedule below assumes 8 year term at an average interest rate between 3%-4%.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 55,900	<b>2019 COSTS:</b> \$ 53,900	<b>2020 COSTS:</b> \$ 52,900	<b>2021 COSTS:</b> \$ 52,375	<b>2022 COSTS:</b> \$ 46,125	
<b>FUNDING SOURCE:</b> Sewer Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Downtown Sewer Line Replacement		<b>PROJECT I.D.:</b> 13-5300-D01		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the Sewer fund sale of Bonds in the amount of \$115,767 for 10 years at 4.0% to replace sewer lines in downtown area. Also includes debt service related to OPWC Loan in the amount of \$1,400,000 for 20 years at 0% interest. Sewer Fund portion of the OPWC Loan is \$200,096.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 46,200	<b>2019 COSTS:</b> \$ 46,900	<b>2020 COSTS:</b> \$ 9,800	<b>2021 COSTS:</b> \$ 9,800	<b>2022 COSTS:</b> \$ 9,800	
<b>FUNDING SOURCE:</b>  Sewer Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Debt- Judith, Michael, Earl Sewer Line Replacement		<b>PROJECT I.D.:</b> 14-5300-D01		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> See Below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Debt service related to the sale of bonds in the amount of \$550,000 for 10 years at an average interest rate of 4.0% for the replacement of sewer lines in the Roselyn subdivision.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Repayment of the City's outstanding debt.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 42,000	<b>2019 COSTS:</b> \$ 40,600	<b>2020 COSTS:</b> \$ 39,900	<b>2021 COSTS:</b> \$ 40,250	<b>2022 COSTS:</b> \$ 39,375	
<b>FUNDING SOURCE:</b>  Sewer Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> New Subdivision Line Extensions		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 Years		<b>TOTAL EXPENDITURE:</b> \$ 80,000/Year
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Line extensions to serve future developments.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 80,000	<b>2019 COSTS:</b> \$ 80,000	<b>2020 COSTS:</b> \$ 80,000	<b>2021 COSTS:</b> \$ 80,000	<b>2022 COSTS:</b> \$ 80,000
<b>FUNDING SOURCE:</b> Electric Fund				

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Line Improvements/New Development		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 Years		<b>TOTAL EXPENDITURE:</b> \$ 60,000/Year
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Miscellaneous line improvements and new development project.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 60,000	<b>2019 COSTS:</b> \$ 60,000	<b>2020 COSTS:</b> \$ 60,000	<b>2021 COSTS:</b> \$ 60,000	<b>2022 COSTS:</b> \$ 60,000
<b>FUNDING SOURCE:</b> Electric Fund				



### CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Rosewood		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 Years		<b>TOTAL EXPENDITURE:</b> \$ 40,000/Year
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Extension of circuits to provide service to the Rosewood subdivision.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 40,000	<b>2019 COSTS:</b> \$ 40,000	<b>2020 COSTS:</b> \$ 40,000	<b>2021 COSTS:</b> \$ 40,000	<b>2022 COSTS:</b> \$ 40,000
<b>FUNDING SOURCE</b> Electric Fund				

### CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Cedar Grove		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 Years		<b>TOTAL EXPENDITURE:</b> \$ 50,000/Year
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Extension of circuits to provide service to the Cedar Grove subdivision.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 50,000	<b>2019 COSTS:</b> \$ 50,000	<b>2020 COSTS:</b> \$ 50,000	<b>2021 COSTS:</b> \$ 50,000	<b>2022 COSTS:</b> \$ 50,000
<b>FUNDING SOURCE</b> Electric Fund				

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Substation No. 2- Engineering		<b>PROJECT I.D. OR DEPARTMENT:</b> 15-5270-01		<b>PROJECT YEARS:</b> 2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 Years		<b>TOTAL EXPENDITURE:</b> \$ 100,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Add an additional substation transformer at Substation #2 to accommodate the additional load from increased industrial growth					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b>  \$ 100,000	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Electric Fund					





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Substation No. 3 – Additional Transformer		PROJECT I.D. OR DEPARTMENT: 15-5270-01		PROJECT YEARS: 2022	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 Years		TOTAL EXPENDITURE: \$ 2,000,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Add an additional substation transformer at Substation #3 to accommodate the additional load from increased industrial growth					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2018 COSTS:	2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS: \$ 2,000,000	
FUNDING SOURCE:  Electric Fund/Sale of Debt					

## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: DP&L 2 <sup>nd</sup> Interconnect		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2018	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 Years		TOTAL EXPENDITURE: \$ 3,500,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Design & construction of a 2 <sup>nd</sup> 69 kV transmission interconnect with Dayton Power & Light.					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2018 COSTS: \$ 3,500,000	2019 COSTS:	2020 COSTS:	2021 COSTS:	2022 COSTS:	
FUNDING SOURCE:  Electric Fund					





## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: SCADA System		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2020	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 10-15 Years		TOTAL EXPENDITURE: \$ 500,000/Year	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Computerized controls to permit remote monitoring and operation of the electric substations.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
2018 COSTS:	2019 COSTS:	2020 COSTS: \$ 500,000	2021 COSTS:	2022 COSTS:	
<b>FUNDING SOURCE:</b>  Electric Fund					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Street Light Conversion		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 20 Years		<b>TOTAL EXPENDITURE:</b> See below	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Conversion of City owned street lights from high pressure sodium (HPS) cobra head fixtures to light emitting diode (LED) fixtures.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 50,000	<b>2019 COSTS:</b> \$ 60,000	<b>2020 COSTS:</b> \$ 60,000	<b>2021 COSTS:</b> \$ 60,000	<b>2022 COSTS:</b> \$ 60,000	
<b>FUNDING SOURCE</b> Electric Fund					





## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME</b> Truck – Pickup		<b>PROJECT ID OR DEPARTMENT:</b>		<b>PROJECT YEARS</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – vehicles anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 145,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): 2018 - Replace 2008 Pick-up Truck 2020 – Replace 2010 Pick-up Truck 2021 – Replace 2011 Pick-Up Truck					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS</b> \$ 45,000	<b>2019 COSTS</b>	<b>2020 COSTS</b> \$ 50,000	<b>2021 COSTS</b> \$ 50,000	<b>2022 COSTS</b>	
<b>FUNDING SOURCE</b> Electric Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME</b> 505 Digger Derrick		<b>PROJECT ID OR DEPARTMENT</b> 13-5270-05		<b>PROJECT YEARS</b> 2019	
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – 2008 vehicle anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 240,000	
<b>DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):</b>  2019 – Replace Digger Derrick purchased in 2008.					
<b>PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):</b>  Scheduled Replacement of Existing Equipment					
<b>PROJECT COST (If multiple phases, which year will the expenditure take place)</b>					
<b>2018 COSTS</b>	<b>2019 COSTS</b> \$240,000	<b>2020 COSTS</b>	<b>2021 COSTS</b>	<b>2022 COSTS</b>	
<b>FUNDING SOURCE</b> Electric Fund					





## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME</b> 504 Tree Truck			<b>PROJECT ID OR DEPARTMENT:</b>		<b>PROJECT YEARS</b> 2022		
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – vehicles anticipated to be sold on GovDeals.Com			<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 225,000		
<b>DESCRIPTION</b> Replace 504 Tree Truck purchased in 2014.							
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment							
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)							
<b>2018 COSTS</b>		<b>2019 COSTS</b>		<b>2020 COSTS</b>		<b>2021 COSTS</b>	
						<b>2022 COSTS</b> \$ 225,000	
<b>FUNDING SOURCE</b> Electric Fund							



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Truck - Double Bucket #507		<b>PROJECT I.D. OR DEPARTMENT:</b> 16-5270	<b>PROJECT YEARS:</b> 2019
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – 2010 vehicle anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 10 years	<b>TOTAL EXPENDITURE:</b> \$ 250,000
<b>DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):</b> Replacement of 2010 Double Bucket Truck in 2019.			
<b>PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):</b> Scheduled Replacement of Existing Equipment			
<b>PROJECT COST (If multiple phases, which year will the expenditure take place)</b>			
<b>2018 COSTS:</b>	<b>2019 COSTS:</b> \$ 250,000	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>
<b>2022 COSTS:</b>			
<b>FUNDING SOURCE:</b> Electric Fund			



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Trencher		<b>PROJECT I.D. OR DEPARTMENT:</b> 07-5270-03		<b>PROJECT YEARS:</b> 2018
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – 1993 trencher anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 20 years		<b>TOTAL EXPENDITURE:</b> \$ 70,000
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Replace 1993 Trencher.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 70,000	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>
<b>FUNDING SOURCE:</b> Electric Fund				





## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Power Plant Demo Preparation		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2019-2020	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> \$ 600,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  2019 - Abandonment of the water line to the power plant and removal and relocation of the fiber hub inside the power plant. 2020 – Demolition and removal of the power plant building					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  With the construction of a new Substation #1 on the west side of the property, demolition of the old power plant will enable the City to repurpose the east side of the property. The main portion of the old power plant building is not structurally sound and is unfit to serve as storage for the City. 2019 Demolition Project will be bid out to firm up cost to demolish the building.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b>	<b>2019 COSTS:</b> \$ 100,000	<b>2020 COSTS:</b> \$500,000	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Electric Fund					





## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Water Line Improvements		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> N/A		<b>TOTAL EXPENDITURE:</b> \$ 30,000/Year	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Maintain and Upgrade present water lines (\$30,000 annually).					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Maintenance					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 30,000	<b>2019 COSTS:</b> \$ 30,000	<b>2020 COSTS:</b> \$ 30,000	<b>2021 COSTS:</b> \$ 30,000	<b>2022 COSTS:</b> \$ 30,000	
<b>FUNDING SOURCE</b> Water Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Water Line Replacement Projects		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2021
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 years		<b>TOTAL EXPENDITURE:</b> \$ 510,000
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Replacement of old water lines. These are performed with Sanitary Sewer Slip Lining Projects.  2020 – Engineering - North 4 <sup>th</sup> (North to Culvert), 5 <sup>th</sup> (Kilgore to Franklin) – \$40,000 2021 – Construction - North 4 <sup>th</sup> (North to Culvert), 5 <sup>th</sup> (Kilgore to Franklin) – 2700' x \$175 = \$470,000				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment Replacement of Failed or Obsolete Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b>	<b>2019 COSTS:</b>	<b>2020 COSTS:</b> \$40,000	<b>2021 COSTS:</b> \$470,000	<b>2022 COSTS:</b>
<b>FUNDING SOURCE</b> Water Fund				



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Water Tower #4		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 60 years		<b>TOTAL EXPENDITURE:</b> \$ 2,500,000
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Construction of a new water tower at the Service Center location on Park Avenue. The removal of Tower #1 at Bowman Avenue.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment Additional Unit to Meet Expanded Service Requirements Provide New or Higher Service Level Meet External Compliance (safety, environmental, etc.) Requirements Replacement of Failed or Obsolete Equipment				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 2,500,000	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>
<b>FUNDING SOURCE</b>  OPWC 0% Interest Loan - \$2,400,000 Water Fund - \$100,000				



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Inflow and Infiltration Program		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 years		<b>TOTAL EXPENDITURE:</b> \$ 100,000/Year	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Elimination of sources of inflow and infiltration from the sewer system.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 100,000	<b>2019 COSTS:</b> \$ 100,000	<b>2020 COSTS:</b> \$ 100,000	<b>2021 COSTS:</b> \$ 100,000	<b>2022 COSTS:</b> \$ 100,000	
<b>FUNDING SOURCE:</b> Sewer Fund Tri-Cities Regional Wastewater Authority (TCA)					

## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Sewer Line Improvements		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018-2022	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 years		<b>TOTAL EXPENDITURE:</b> \$ 35,000/Year	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Maintain and upgrade present sewer system (\$35,000 annually).					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$ 35,000	<b>2019 COSTS:</b> \$ 35,000	<b>2020 COSTS:</b> \$ 35,000	<b>2021 COSTS:</b> \$ 35,000	<b>2022 COSTS:</b> \$ 35,000	
<b>FUNDING SOURCE:</b> Sewer Fund					



## CAPITAL IMPROVEMENT PROJECT

PROJECT NAME: Sanitary Sewer Slip Lining Projects		PROJECT I.D. OR DEPARTMENT:		PROJECT YEARS: 2021	
TRADE-IN VALUE (IF ANY): N/A		ESTIMATED USEFUL LIFE: 40 years		TOTAL EXPENDITURE: \$ 51,000	
DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):  Sliplining projects to eliminate I&I. These are performed with Water Line Replacement Projects.  2021 – North 4 <sup>th</sup> (Kilgor to Culvert) - \$51,000					
PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Maintenance					
PROJECT COST (If multiple phases, which year will the expenditure take place)					
2018 COSTS:	2019 COSTS:	2020 COSTS:	2021 COSTS: \$51,000	2022 COSTS:	
FUNDING SOURCE:  Sewer Fund					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Sanitary Sewer Line in Floral Acres		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2019
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 40 years		<b>TOTAL EXPENDITURE:</b> \$ 600,000
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Install new Sanitary Sewer Main from 25-A to Rosedale Ave. This will divert a portion of the sanitary flow currently running south on 25-A to Commerce Park Drive and will alleviate a bottle-neck which occurs just west of the flow going under I-75.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Redirects a portion of the current flow and future flows from the Commerce Drive area and provides additional capacity for commercial, industrial, and residential growth in the north-west quadrant of the City.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b>	<b>2019 COSTS:</b> \$ 600,000	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>
<b>FUNDING SOURCE:</b> Sewer Fund				



## CAPITAL IMPROVEMENT EQUIPMENT

<b>PROJECT NAME:</b> Pick-up Truck #402		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018	
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – 2006 vehicle anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 35,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): To replace 2006 Dodge pick-up.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): Scheduled Replacement of Existing Equipment					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
2018 COSTS \$ 35,000	2019 COSTS	2020 COSTS	2021 COSTS	2022 COSTS	
<b>FUNDING SOURCE:</b> Water Fund-\$17,500 Sewer Fund-\$17,500					



## CAPITAL IMPROVEMENT EQUIPMENT

<b>PROJECT NAME:</b> 1-Ton Dump Truck		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2020	
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – 2008 vehicle anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 51,000	
<b>DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):</b> To replace 2008 1-ton dump truck.					
<b>PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):</b> Scheduled Replacement of Existing Equipment					
<b>PROJECT COST (If multiple phases, which year will the expenditure take place)</b>					
2018 COSTS	2019 COSTS	2020 COSTS \$ 51,000	2021 COSTS	2022 COSTS	
<b>FUNDING SOURCE:</b> Water Fund-\$25,500 Sewer Fund-\$25,500					





## CAPITAL IMPROVEMENT EQUIPMENT

<b>PROJECT NAME:</b> 2.5-Ton Dump Truck		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2021	
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – 2006 vehicle anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 12 years		<b>TOTAL EXPENDITURE:</b> \$ 150,000	
<b>DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):</b> To replace 2006 2.5-ton dump truck.					
<b>PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):</b> Scheduled Replacement of Existing Equipment					
<b>PROJECT COST (If multiple phases, which year will the expenditure take place)</b>					
2018 COSTS	2019 COSTS	2020 COSTS	2021 COSTS \$ 150,000	2022 COSTS	
<b>FUNDING SOURCE:</b> Water Fund-\$75,000 Sewer Fund-\$75,000					



## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Mowers		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2020	
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – will be determined in 2020		<b>ESTIMATED USEFUL LIFE:</b> 5 years		<b>TOTAL EXPENDITURE:</b> \$ 18,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Replace 2 Hustler Mowers, use existing mowers as trade in.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Scheduled Replacement of Existing Equipment					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b>	<b>2019 COSTS:</b>	<b>2020 COSTS:</b> \$ 18,000	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b>  Water Fund - \$9,000 Sewer Fund - \$9,000					







## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Pick Up Truck 404		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2022	
<b>TRADE-IN VALUE (IF ANY):</b> Unknown – 2012 vehicle anticipated to be sold on GovDeals.Com		<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 36,000	
<b>DESCRIPTION OR REQUEST (if multiple years, include schedule for engineering, bidding, construction):</b> To replace 2012 GMC pick-up.					
<b>PROJECT JUSTIFICATION (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):</b> Scheduled Replacement of Existing Equipment					
<b>PROJECT COST (If multiple phases, which year will the expenditure take place)</b>					
<b>2018 COSTS:</b>	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b> \$36,000	
<b>FUNDING SOURCE:</b> Water Fund - \$18,000 Sewer Fund - \$18,000					



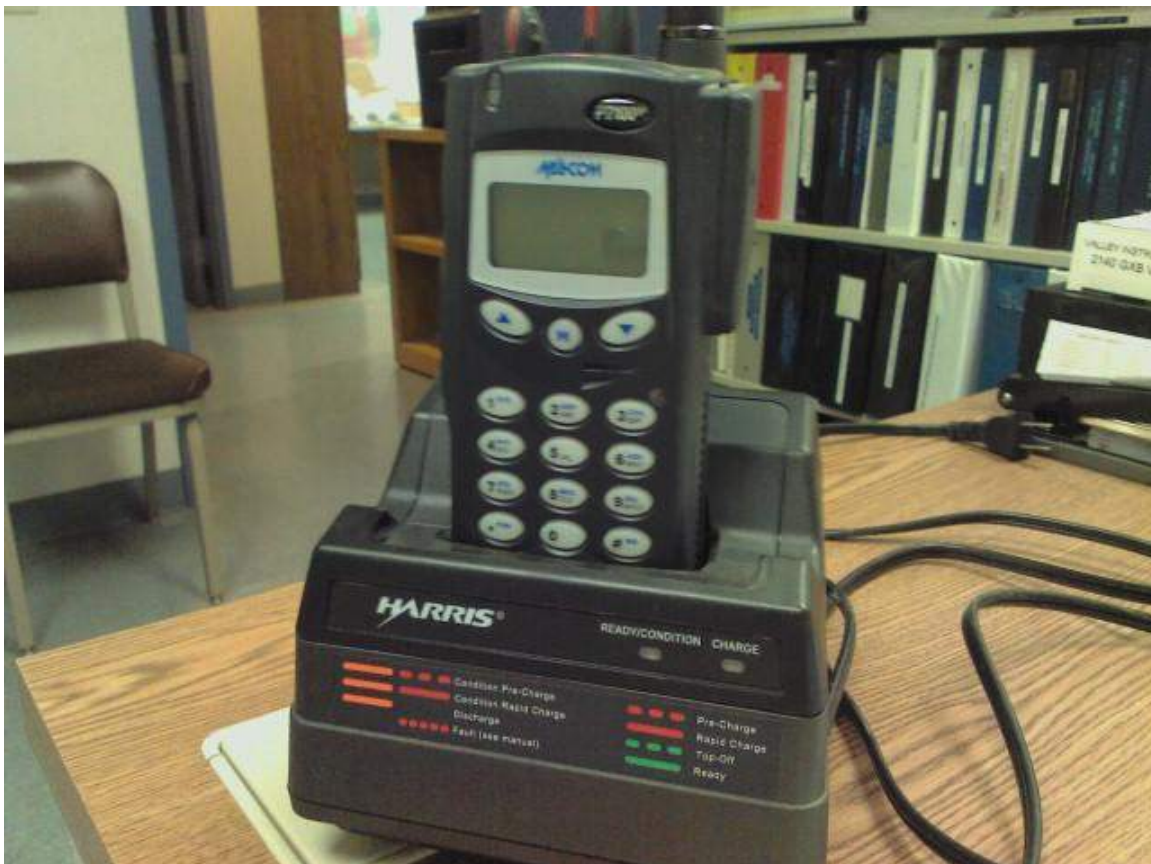
## CAPITAL IMPROVEMENT EQUIPMENT

<b>PROJECT NAME:</b> Service Center Restroom Upgrades		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 15,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction):  Upgrade of existing restroom to add additional toilets and sink.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  The Streets Dept. and Water/Sewer Dept. share the Service Center located on Park St. The employee storage lockers were upgraded in 2017 and it was determined there is a need for additional urinals, toilets, and sinks in the men's restroom.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$15,000	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Capital Improvement Fund - \$7,500 Water Fund - \$3,750 Sewer Fund - \$3,750					



## CAPITAL IMPROVEMENT EQUIPMENT

<b>PROJECT NAME:</b> Radio Equipment		<b>PROJECT I.D.:</b>		<b>PROJECT YEARS:</b> 2018	
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 10 years		<b>TOTAL EXPENDITURE:</b> \$ 8,000	
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): To replace radio's in trucks and handhelds.					
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis): The Police, Fire, and EMS Departments recently upgraded their radio equipment to the State-based MARCS system. This request would enable the Water/Sewer Department to upgrade their radio systems to newer technology.					
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)					
<b>2018 COSTS:</b> \$8,000	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>	
<b>FUNDING SOURCE:</b> Water Fund - \$4,000 Sewer Fund - \$4,000					





## CAPITAL IMPROVEMENT PROJECT

<b>PROJECT NAME:</b> Engineering/Architectural Design – Water-Sewer Service Center		<b>PROJECT I.D. OR DEPARTMENT:</b>		<b>PROJECT YEARS:</b> 2018
<b>TRADE-IN VALUE (IF ANY):</b> N/A		<b>ESTIMATED USEFUL LIFE:</b> 50 years		<b>TOTAL EXPENDITURE:</b> \$ 50,000
<b>DESCRIPTION OR REQUEST</b> (if multiple years, include schedule for engineering, bidding, construction): Engineering/Architectural Design of a new Water-Sewer Service Center.				
<b>PROJECT JUSTIFICATION</b> (explain the affect on operations: quantify savings or costs, new equipment include a cost/benefit analysis):  Construction of a Water-Sewer Department Facility would make the Dept. much more efficient, especially during emergencies, by having equipment centrally located instead of spread out at various locations. The facility would also provide for additional employee work space for water meter programming, equipment storage and maintenance, material inventory storage. Construction costs will be added to the CIP in future years following design of the facility and obtaining a good construction cost estimate.				
<b>PROJECT COST</b> (If multiple phases, which year will the expenditure take place)				
<b>2018 COSTS:</b> \$ 50,000	<b>2019 COSTS:</b>	<b>2020 COSTS:</b>	<b>2021 COSTS:</b>	<b>2022 COSTS:</b>
<b>FUNDING SOURCE</b> Water Fund - \$25,000 Sewer Fund - \$25,000				